

SUBSTITUTE SEQUENCE LISTING

<110> Holm, Arne
Jorgensen, Rikke Malene
Ostergaard, Soren
Theisen, Michael

<120> METHOD FOR PREPARING A LIGAND PRESENTING ASSEMBLY
(LPA), AND LPA, AND USES THEREOF

<130> 162/P63882US0

<140> 09/408,578

<141> 1999-09-29

<150> DK PA 1998 01233

<151> 1998-09-29

<160> 12

<170> PatentIn Ver. 2.1

<210> 1

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Sequence
derived from the OspC protein of *Borrelia*
burgdorferi

<400> 1

Pro Val Val Ala Glu Ser Pro Lys Lys Pro
1 5 10

<210> 2

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ESAT-6, 51-70
sequence of *Mycobacterium tuberculosis*

<400> 2

Gln Leu Ala Asn Asn Leu Glu Thr Ala Thr Ala Asp Trp Lys Gln Gln
1 5 10 15

Val Gly Gln Tyr
20

<210> 3

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ESAT-6, 1-17
sequence of Mycobacterium tuberculosis

<400> 3

Ala Ser Ala Ala Ala Glu Ile Gly Ala Phe Asn Trp Gln Gln Glu Thr
1 5 10 15

Met

<210> 4

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Chlamydia
trachomatis DnaK 357-368 sequence

<400> 4

Lys Glu Pro Asn Lys Gly Val Asn Pro Asp Glu Val
1 5 10

<210> 5

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Angiotensin I
sequence

<400> 5

Asp Arg Val Tyr Ile His Pro Phe His Leu
1 5 10

<210> 6

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Clostridium
thermosaccharolyticum peptide sequence 19-27

<400> 6

Asp Pro Thr Gln Asn Ile Pro Pro Gly
1 5

<210> 7

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic LPA

<400> 7

Pro Lys Lys Pro

1

<210> 8

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic LPA

<400> 8

Ser Pro Lys Lys Pro

1

5

<210> 9

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic LPA

<400> 9

Val Ala Glu Ser Pro Lys Lys Pro

1

5

<210> 10

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic LPA

<400> 10

Val Val Ala Glu Ser Pro Lys Lys Pro

1

5

<210> 11

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic LPA

<220>
<221> MOD_RES
<222> (1)
<223> Asp(tBu)

<220>
<221> MOD_RES
<222> (3)
<223> Thr(tBu)

<220>
<221> MOD_RES
<222> (4)
<223> Gln(Trt)

<220>
<221> MOD_RES
<222> (5)
<223> Asn(Trt)

<400> 11
Asp Pro Thr Gln Asn Ile Pro Pro Gly
1 5

<210> 12
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Sequence
derived from the OspC protein of *Borrelia*
burgdorferi (reverse orientation of SEQ ID 1)

<400> 12
Pro Lys Lys Pro Ser Glu Ala Val Val Pro
1 5 10